

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062520\
 Data File : VU039149.D
 Acq On : 26 Jun 2020 05:40
 Operator : SY/MD
 Sample : L3104-15 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q76

Quant Time: Jun 26 06:34:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	219579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	218046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65947	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	70173	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.59	63	101739	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.68	46	392895	67.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.40%#
24) Chloroform-d	5.10	84	175348	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.74	65	113127	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.76	84	314661	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	111288	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.92	98	227529	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	44054	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.66	63	282017	61.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105135	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	95230	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

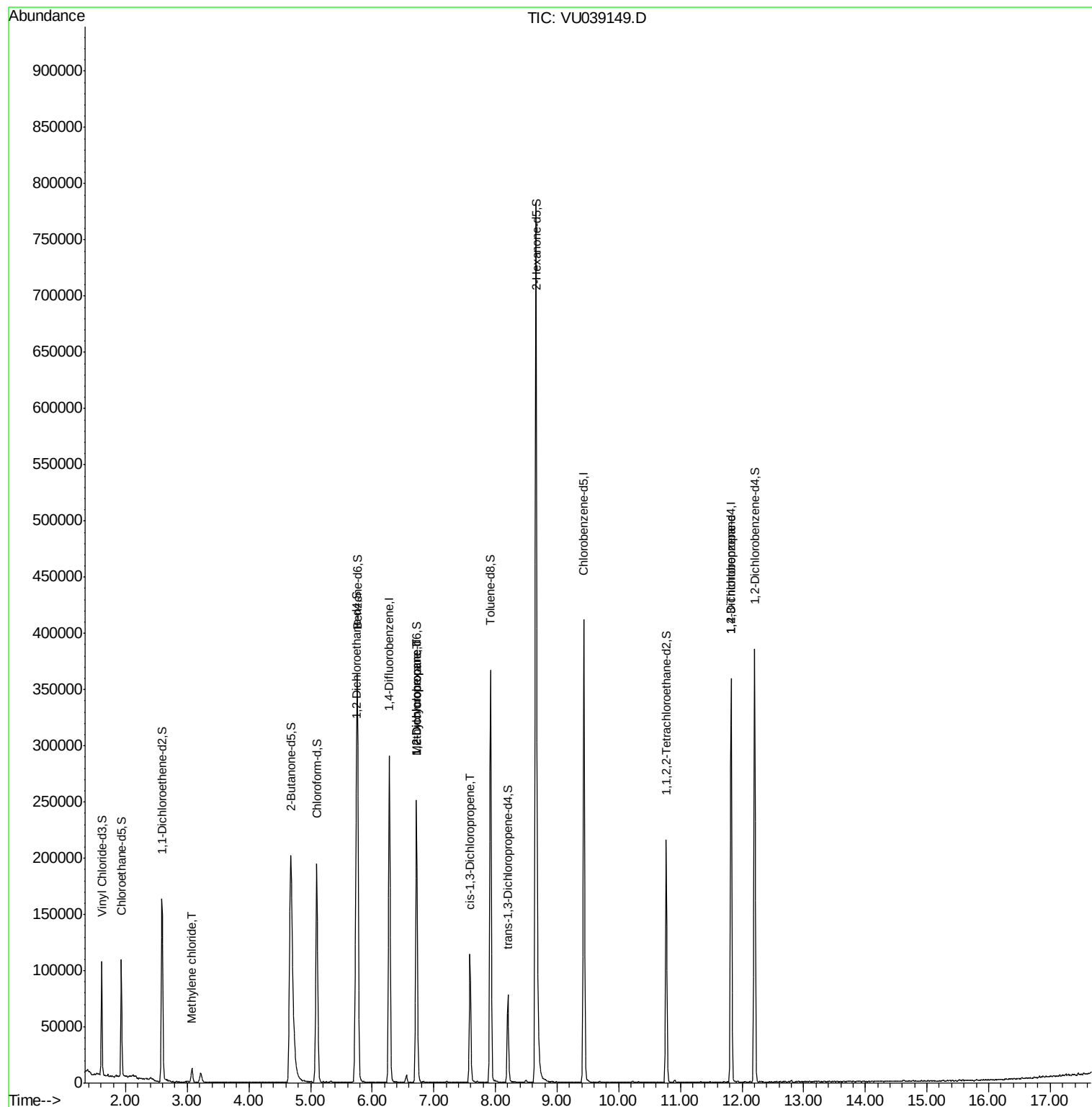
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	6222	0.332	ug/L	89
35) Methylcyclohexane	6.72	83	26673	1.085	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12908	0.695	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2822	0.110	ug/L #	29
59) 1,2,3-Trichloropropane	11.82	75	11596	0.829	ug/L #	80

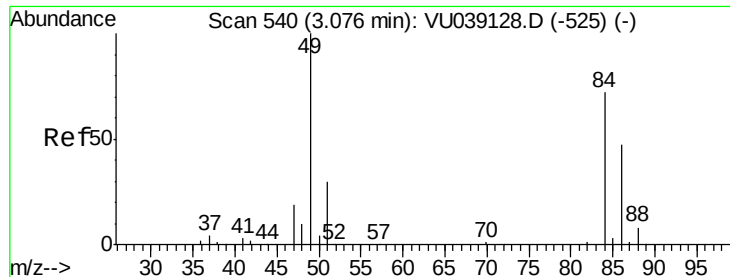
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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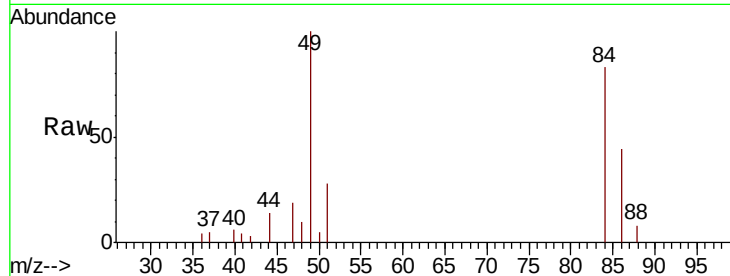




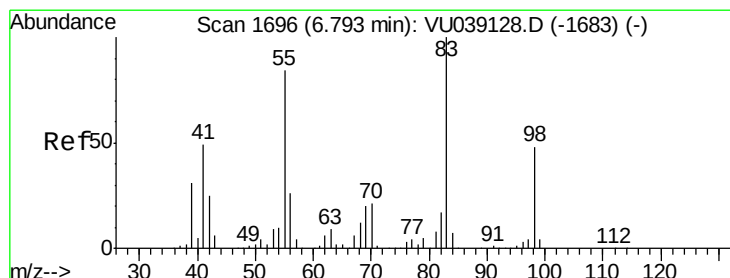
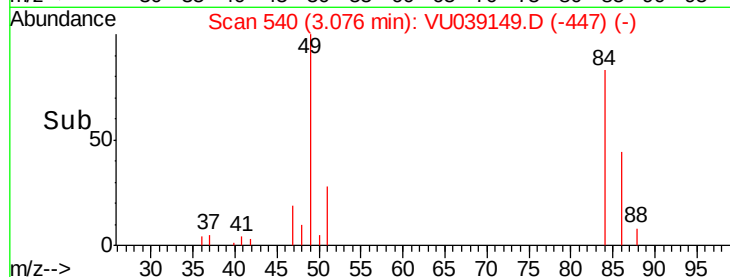
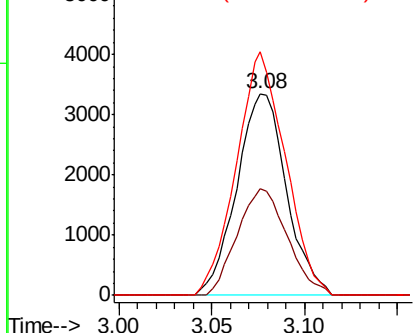
#16
Methylene chloride
Concen: 0.332 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039149.D
Acq: 26 Jun 2020 05:40

Instrument :
MSVOA_U
ClientSampleId :
F9Q76

Tot Ion: 84 Resp: 6222
Ion Ratio Lower Upper
84 100
86 52.7 44.1 81.9
49 120.5 93.1 172.9

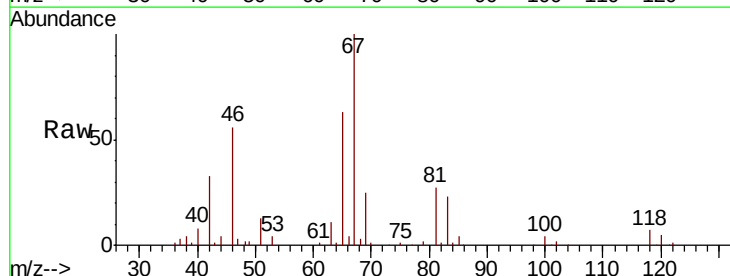


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

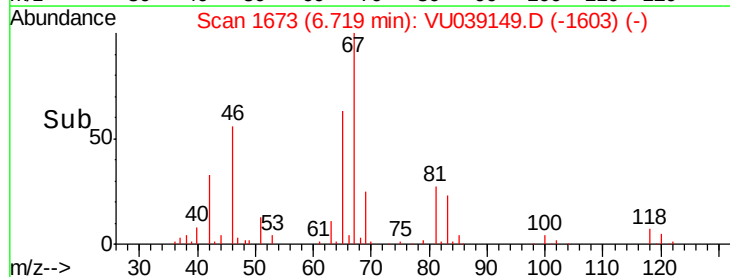
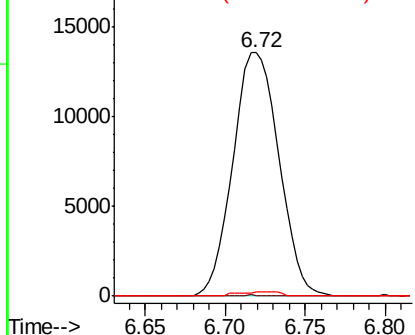


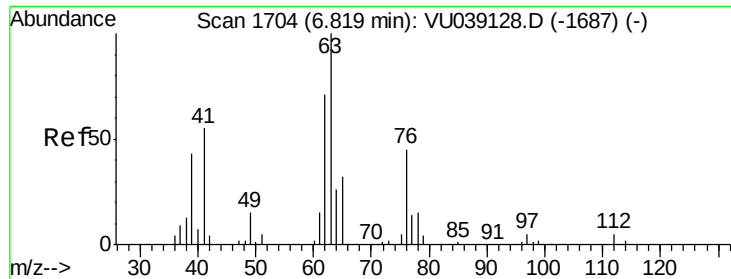
#35
Methylcyclohexane
Concen: 1.085 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039149.D
Acq: 26 Jun 2020 05:40

Tgt Ion: 83 Resp: 26673
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.6 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

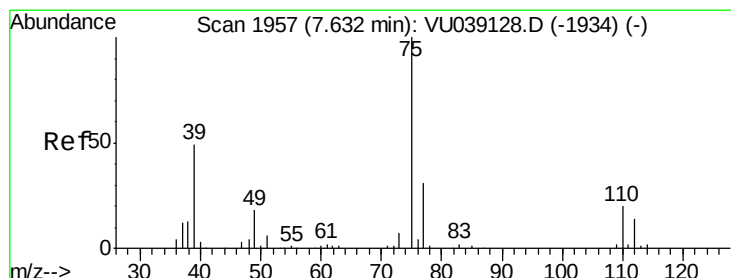
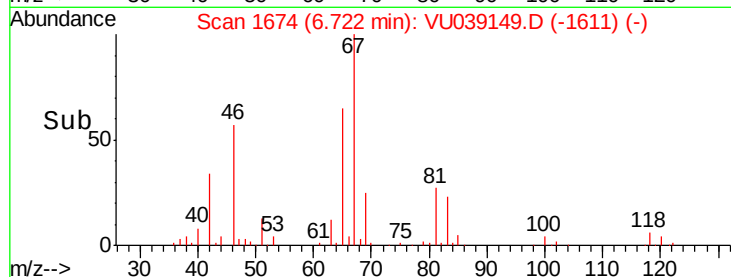
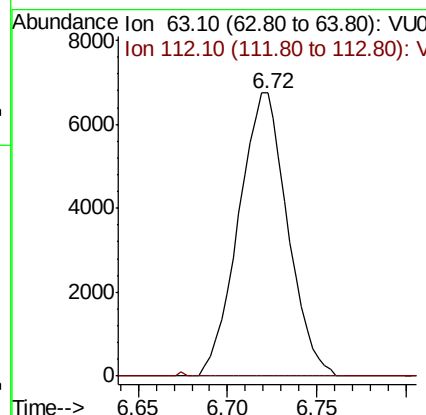
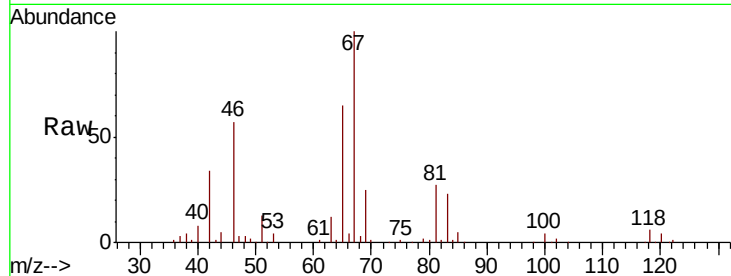




#37
 1,2-Dichloropropane
 Concen: 0.695 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039149.D
 Acq: 26 Jun 2020 05:40

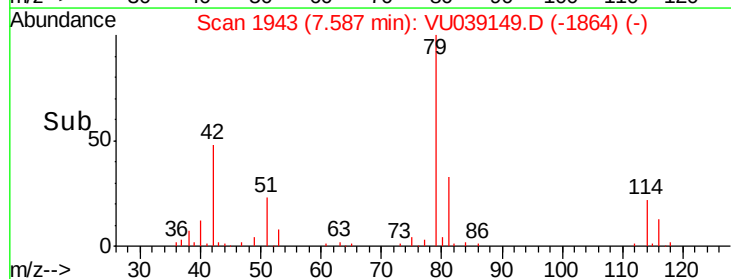
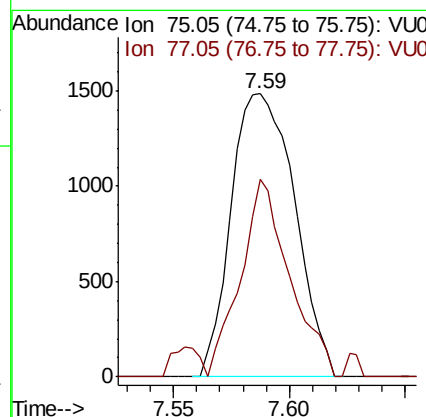
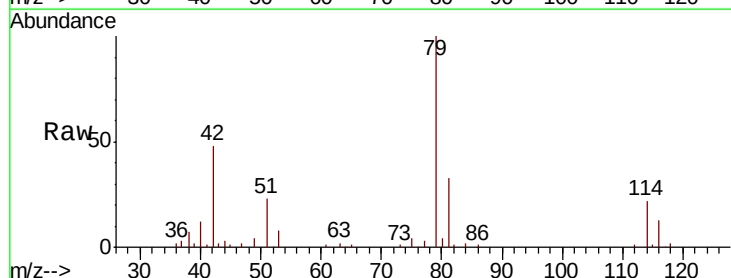
Instrument :
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 F9Q76

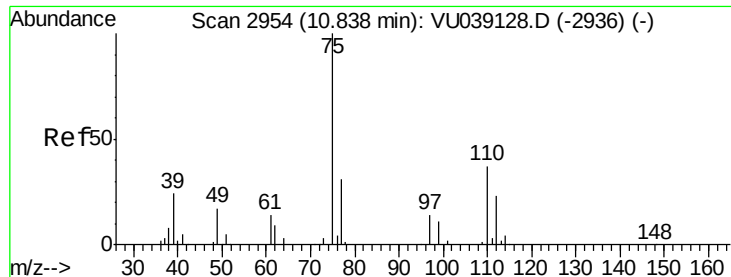
Tot Ion: 63 Resp: 12908
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039149.D
 Acq: 26 Jun 2020 05:40

Tgt Ion: 75 Resp: 2822
 Ion Ratio Lower Upper
 75 100
 77 69.8 21.6 40.0#





#59

1,2,3-Trichloropropane

Concen: 0.829 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039149.D

Acq: 26 Jun 2020 05:40

Instrument :

MSVOA_U

ClientSampleId :

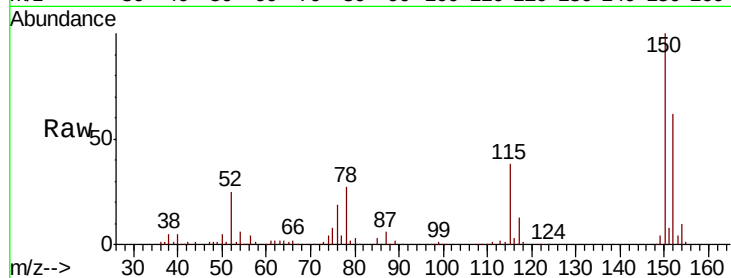
F9Q76

Tot Ion: 75 Resp: 11596

Ion Ratio Lower Upper

75 100

77 43.7 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

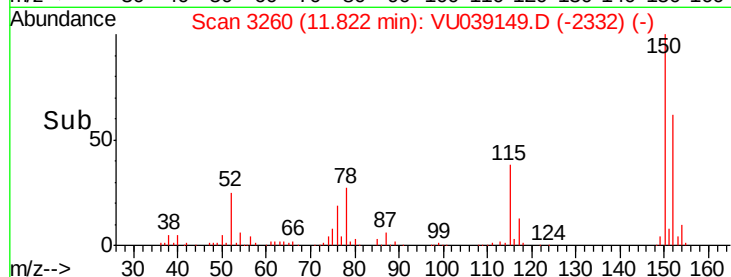
8000

6000

4000

2000

0



Time--> 11.75 11.80 11.85